

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D117-762 REV. E OR LATER APPROVED REVISION AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D117-762 REV. 4 OR LATER APPROVED REVISION
REF. FAA STC: SR01853SE
REF. TCCA STC: LOA RDIMS-4374899
REF. EASA STC: 10017063
REF. DGAC MEXICO STC: IA-376/2016

1.0 PURPOSE

Some long stainless AN bolts for the D117-762 and D145-762 skidtubes may be difficult to procure. The purpose of this service instruction is to provide an alternate in the case of supply shortages.

2.0 INSTALLATION

When it is impossible to procure long corrosion resistant AN bolts (grip length over -40) specified in IIN-D117-762 it is permissible to substitute the next higher grip length and use additional washers to ensure 1.5-4 threads in safety.

When this is also impossible, it is permissible to substitute original P/N CRES bolts with non corrosion resistant AN bolts of the original diameter and length. In this case, the mating MS21043 nut must be replaced with an MS21042 nut to ensure material compatibility. See the table below:

CRES		STEEL SUBSTITUTE	
BOLT	NUT	BOLT	NUT
AN4CXXA	MS21043-4	AN4-XXA	MS21042L4 or MS21042-4
AN6CXXA	MS21043-6	AN6-XXA	MS21042L6 or MS21042-6

Install, torque, and protect hardware per IIN-D117-762.

3.0 MAINTENANCE

Maintain per ICA-D117-762. When replacing, use original CRES bolt and nut part numbers specified in ICA-D117-762 if possible. Replace hardware if any evidence of corrosion is found.

4.0 WEIGHT AND BALANCE

This substitution has negligible effect on Weight and Balance.

APPROVED

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